

1 **51542/SDB/B600 - BP3393**

ABSTRACT OF THE DISCLOSURE

5 A communication system having a transmitter transmits an information signal over a communication media and a receiver coupled to the communication media receives the transmitted information signal. The receiver includes a continuous time filter having an adjustable bandwidth for linearly equalizing the transmitted information signal as a function of the 10 adjustable bandwidth. A decision feedback equalizer coupled to the continuous time filter then reduces inter-symbol interference in the filtered information signal.

15 CAH PAS543544.1--02/4/04 2:01 PM

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